



Terms of Reference / Job Description

Company Job Title	Control & Instrumentation Design Engineer
Working Hours	Monday to Friday, 9:00am – 5:00pm (37.5 hours per week)
Approximate time spent away from Orbital Offices	Role is predominantly based in the Orbital office. Visits to client premises/sites will be infrequent but could involve overnight stays.
This position reports to:	Engineering Manager
Organogram	<pre> Engineering Manager Senior C&I Design Engineer C&I Design Engineer </pre>
Primary Duties:	<ul style="list-style-type: none"> • Taking an active role in the C&I elements of project design packages for the lifecycle from Sales to Project Acceptance. • Supporting the Senior Engineers interpreting the User Requirements Specification into a Functional Design Specification, this will entail client liaison & communications. • Working on Conceptual Design document and taking this through to detailed design, data sheets and manufacturing support information, participate in design reviews and freezes. • Producing the factory acceptance test documentation, installation support information and commissioning documentation. Provide close support to both FAT & SAT. • Liaising with various disciplines including Electrical, Mechanical, Software and CAD in respect to interface design. • Attending meetings with the client for design reviews and progress updates, helping to control change & variations.
Secondary Duties:	<ul style="list-style-type: none"> • Prepare documentation for submission via the Senior Engineers for Formal Safety Assessments and O&M manuals. • Peer review the designs of fellow Engineers before submission • Actively participate in Design Working Groups to enhance the design standards within the department.
Essential Skills:	<ul style="list-style-type: none"> • You must possess a minimum of HNC/HND in C&I Engineering or an associated discipline. • Knowledge and experience of the design life cycle of a project. • Experience working in a structured design engineering environment.
Desirable Skills:	<ul style="list-style-type: none"> • Previous experience of producing C&I designs for hazardous area applications would be desirable although we would consider applications from individuals who have a working knowledge of ATEX regulations. • Experience of a Data System such as Autodesk Vault 2016/18.